

**PATENT
MAIL STOP Patent Application**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re	Group Art
Appln. of: Alex T. Tran et al.	Unit: Not Yet Assigned
Serial No.: Not Yet Assigned	Conf. No.: Not Yet Assigned
Filed: Herewith	Examiner: Not Yet Assigned
For: Molecular Detection Using an Optical Waveguide Fixed to a Cantilever	Atty Docket No.: Carr 7-4 (Y0242-00289)

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in connection with the patent application referenced above. The Examiner is requested to consider each of the references cited herein and forward an initialed copy of the enclosed SB/08 form(s) to the undersigned representative. This Statement is being filed:

Upon filing the application.

Provision of Copies

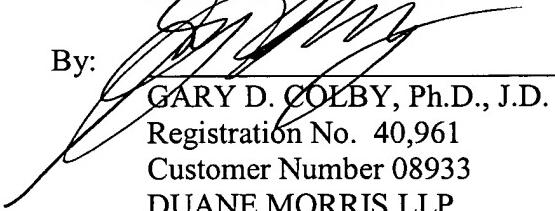
A copy of each of the references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.

Fee

No fee is believed due in connection with filing of this Statement. However, in the event a fee or refund is due, the Commissioner is authorized to charge any fee associated with this communication or credit any overpayment to Deposit Account No. 04-1679 (billing reference Y0242-00289).

Date: 23 J. 1/ 2003

By:

Respectfully submitted,
ALEX T. TRAN et al.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

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Application Number	NOT YET ASSIGNED
Filing Date	herewith
First Named Inventor	Alex T. Tran
Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	Carr 7-4 (Y0242-00289)

U. S. PATENT DOCUMENTS

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Sheet	2	of	4	Attorney Docket Number	Carr 7-4 (Y0242-00289)

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		Alvarez et al., 2003, "Development of a Nanomechanical Biosensor for Oligonucleotide Hybridization Detection," web page accessed 24 April 2003 at www.imm.cnm.csic.es/biosensores/home		T ²
		Baller et al., 2000, Ultramicroscopy 82:(1-4) 1-9 (Abstract only)		
		"Development and Fabrication of a Nanobiochip based on Microcantilevers," web page, accessed 24 April 2003 at www.imm.cnm.csic.es/biosensores/cantilever-development.htm		
		Fritz et al., 2000, Science, 288:316-318		
		Gimzewski, 2003, "Translating Biochemical Recognition into Nanomechanical Action," web page, accessed 24 April 2003 at www.chem.ucla.edu/dept/Faculty/gimzewski/id11.htm		
		Grogan et al., 2002 Biosens. Bioelectron. 17(3):201-207 (Abstract only)		
		Hofmann et al., 2002 Anal. Chem. 74 (20): 5243-5250 (Abstract only)		
		Institute of Microsystem Technologies, web page, "PECVD Process" accessed 15 April 2003 at www.uni-siegen.de/ihe/forschung/pecvd-e.htm		
		Lavrik et al., 2003, Appl. Phys. Lett. 21 April 2003 (Abstract and Figure only)		
		LioniX BV, 2003, web page, "PECVD Silicon Technology" (SiOxNy)," accessed 15 April 2003 at www.lionphotonix.nl/technology/processes_pecvdsioxny.html		

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		First Named Inventor		Alex T. Tran	
		Art Unit		NOT YET ASSIGNED	
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Sheet	3	of	4	Attorney Docket Number	Carr 7-4 (Y0242-00289)

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		LioniX-Sion Technology, web page, "Sion Technology", accessed 15 April 2003 at www.lionixbv.nl/technology/io_sion.html		
		McKendry et al., 2002, Proc. Natl. Acad. Sci. USA 99:(15):9783-9788		
		"Methods of Controlled Immobilization at DNA Probes," web page, accessed 24 April 2003 at www.imm.cnm.csic.es/biosensores/cantilever-immobilization.htm		
		MicroVacuum, Ltd., 2003, catalog entry OW 2400c, accessed 15 April 2003 at www.microvacuum.com/products/biosensor/		
		MicroVacuum, Ltd., 2003, catalog entry OW 3200, accessed 14 April 2003, at www.microvacuum.com/products/biosensor/OW3200.asp		
		Moulin et al., 1999, Langmuir 15:8776-8779		
		Moulin et al., 2000 Ultramicroscopy 82:(1-4):23-31 (Abstract only)		
		Raiteri et al., 2000, Electrochim. Acta 46:157-163		
		Stimpson et al., 1995, Proc. Natl. Acad. Sci. USA 92:6379-6383		
		"Synthesis of Silicon Oxynitride Films on Porous Substrates" web page, accessed 15 April 2003 at www.icmm.csic.es/fis/english/oxinitruro_de_silicio.html		

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		Tamayo et al., 2001, Ultramicroscopy 86:167-173	
		Wu et al., 2001, Nat. Biotechnol. 19:856-860	
		Wu et al., 2001, Proc. Natl. Acad. Sci. USA 98(4):1560-1564	

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